

**Listing of the Claims:**

The following is a complete listing of all the claims in the application, with an indication of the status of each:

- 1        1 (Currently Amended). An apparatus for the transmission of  
2        time-synchronous data from a sender to a receiver using a network, wherein  
3        the time-synchronous data is processed and transmitted at the sender as well as  
4        the receiver, the mechanism comprising:  
5                a first processing unit composed of multiple subcomponents, each  
6                subcomponent being designed to process the time-synchronous data in a  
7                specific and different way;  
8                and a second processing unit parallel to the first processing unit, said  
9                second processing unit being composed of multiple subcomponents, each  
10               subcomponent being designed to process the time-synchronous data in a  
11               specific and different way, wherein the subcomponents of the second  
12               processing unit is are setup and/or adapted based on changed sender data rate  
13               or network characteristics by configuring attribute parameters of the  
14               subcomponents, wherein data processing and transmission of the time-  
15               synchronous data is continued within the first processing unit during the setup  
16               and adaption adaptation of the second processing unit; and  
17               a switch selecting between the first and second processing units, the  
18               processing and transmission of the time-synchronous data initially being  
19               performed by the first processing unit and, after switching by the switch, the  
20               processing and transmission of the time-synchronous data is performed using  
21               the second processing unit such that the processing and transmission of the  
22               time-synchronous data is performed within the second processing unit.
- 1        2 (Currently Amended). The apparatus according to claim 1, wherein the setup  
2        and/or adaptation of the second processing is started using a trigger event.

1        3 (Previously Presented). The apparatus according to claim 1, wherein the  
2        switching is performed after completion of the setup and adaptation of the  
3        second processing unit.

1        4 (Previously Presented). The apparatus according to claim 1, wherein the  
2        switching is performed after reaching a certain switching condition.

1        5 (Previously Presented). The apparatus according to claim 4, wherein the  
2        certain switching condition is whether at least one given parameter reaches at  
3        a predetermined value.

1        6 (Previously Presented). The apparatus according to claim 1, wherein the  
2        time-synchronous data is processed in the first processing unit using a  
3        plurality of subcomponents.

1        7 (Previously Presented). The apparatus according to claim 6, wherein the  
2        subcomponents include at least one of a codec, a filter, a packetizer, and a  
3        memory buffer.

1        8 (Previously Presented). The apparatus according to claim 1, wherein the  
2        time-synchronous data is processed in the second processing unit using a  
3        plurality of subcomponents.

1        9 (Previously Presented). The apparatus according to claim 8, wherein the  
2        subcomponents include at least one of a codec, a filter, a packetizer, and a  
3        memory buffer.

1 10 (Previously Presented). The apparatus according to one claim 8, wherein  
2 the subcomponents are connected during setup.

1 11 (Previously Presented). The apparatus according to claim 1, wherein the  
2 first and second processing unit is initialized after setup.

1 12 (Previously Presented). The apparatus according to claim 8, wherein each  
2 of the subcomponents of the second processing unit is adapted to the other  
3 subcomponents or changed sender data rate or changed network  
4 characteristics.

1 13 (Previously Presented). The apparatus according to claim 6, wherein, after  
2 switching by the switch, the subcomponents of the first processing unit are  
3 de-attached from each other.

1 14 (Previously Presented). The apparatus according to claim 13, wherein a  
2 plurality of the second processing units is setup and, after switching by the  
3 switch, the subcomponents of the first processing unit are included in one of  
4 the second processing units.

1 15 (Previously Presented). The apparatus according to claim 6, wherein after  
2 switching by the switch, the subcomponents of the first processing unit remain  
3 connected.

1 16 (Currently Amended). The apparatus according to claim 1, wherein a  
2 plurality of second processing units are setup and/or adapted based on changed  
3 data load rate and network characteristics.

1        17 (Previously Presented). The apparatus according to claim 1, wherein an  
2        additional processing unit for the processing and transmission of time-  
3        synchronous data is used in sequence with the first and second processing  
4        units.

1        18 (Previously Presented). The apparatus according to claim 1, wherein the  
2        time-synchronous data is gathered with one of mechanisms for acquiring  
3        visual data and speech data.